GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:804
ANSWERED ON:20.07.2017
Distribution of LED
Kishore Shri Kaushal;Muddahanumegowda Shri S.P.

Will the Minister of POWER be pleased to state:

(a) the number of LED bulbs distributed under the National Programme for LED-based Home and Street Lighting and the cost incurred thereon, State-wise;

(b) whether the Government has achieved its target of installing LED bulbs for domestic and street-lighting in 100 cities and if not, the reasons therefor; and

(c) the estimated energy savings and reduction of greenhouse gases due to implementation of this programme in the last two years?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) : The States/UTs-wise details of distribution of LED bulbs under Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme (SLNP), till 12th July 2017 is given at Annexure. In addition, the private sector suppliers have also sold large quantities given the lower prices and huge demand in the country.

UJALA and SLNP are voluntary in nature and based on a sustainable business model, where the cost of efficient lighting is repaid by consumers/Urban Local Bodies (ULBs) from savings in energy and maintenance expenditure over a period of time through savings in electricity bill. The entire upfront investment is made by Energy Efficiency Services Limited (EESL), a joint venture company of Public Sector Undertakings (PSUs) of Ministry of Power. EESL procures LED bulbs and LED street lights through a transparent and competitive bidding process by aggregating the demand for the same across the country. The bulk procurement of LED bulbs and LED street lights through a transparent and competitive bidding process enables EESL to distribute LED bulbs to consumers and to install LED lights in ULBs, and at lower rates compared to retail market.

(b) : Yes, Madam. As on 31st March, 2017, the domestic LED programme UJALA and SLNP are implemented in 437 cities and 544 urban local bodies respectively, which is in excess of the target of covering 100 cities.

(c) : The estimated annual energy savings and estimated reduction of greenhouse gases, on account of distribution of LED bulbs under UJALA and installation of LED street lights under SLNP by EESL, are 34.29 billion units and is 27.56 million tonnes CO2 per year, respectively. In addition, there are energy savings and reduction of greenhouse gases on account of sale of large quantities of LED bulbs by the private sector suppliers.

****